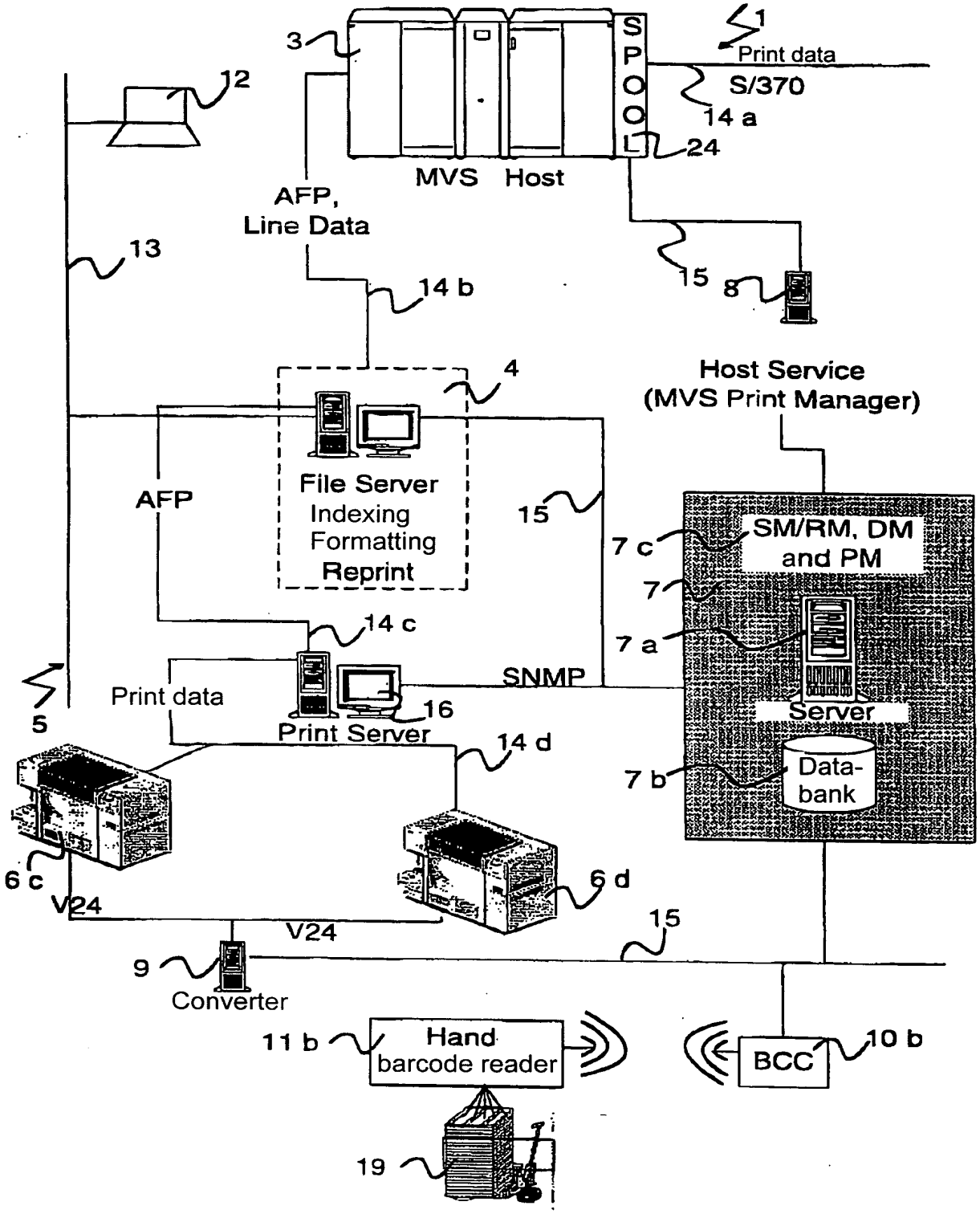

Fig. 1

Best Available Copy

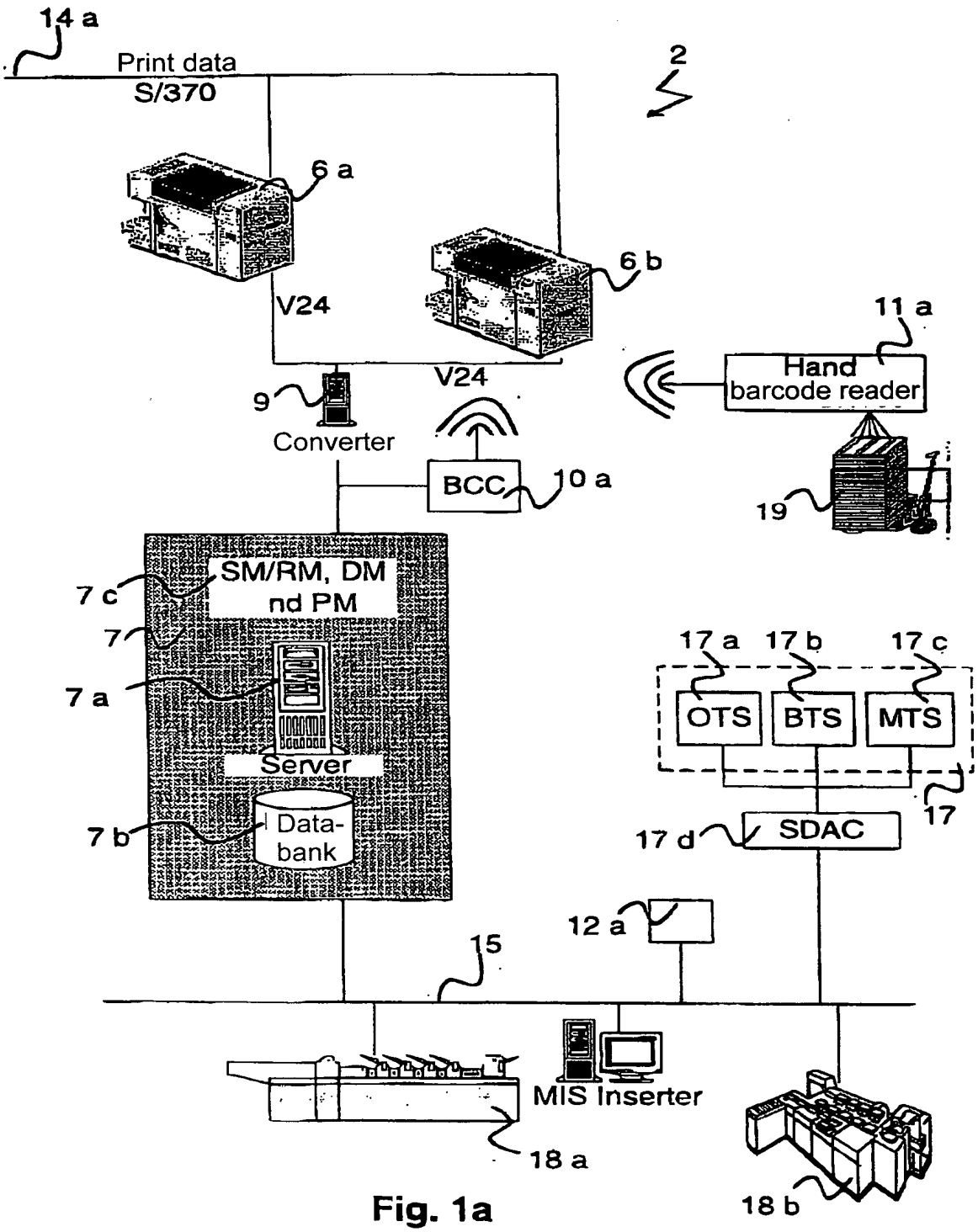
14 a
Print data
S/370
2
6 a
6 b
V24
V24
11 a
Hand
barcode reader
9
Converter
BCC
10 a
19
7 c
SM/RM, DM
nd PM
7
7 a
Server
7 b
Data-
bank
17 a
17 b
17 c
OTS
BTS
MTS
17
17 d
SDAC
12 a
15
MIS Inserter
18 a
18 b

Fig. 1a

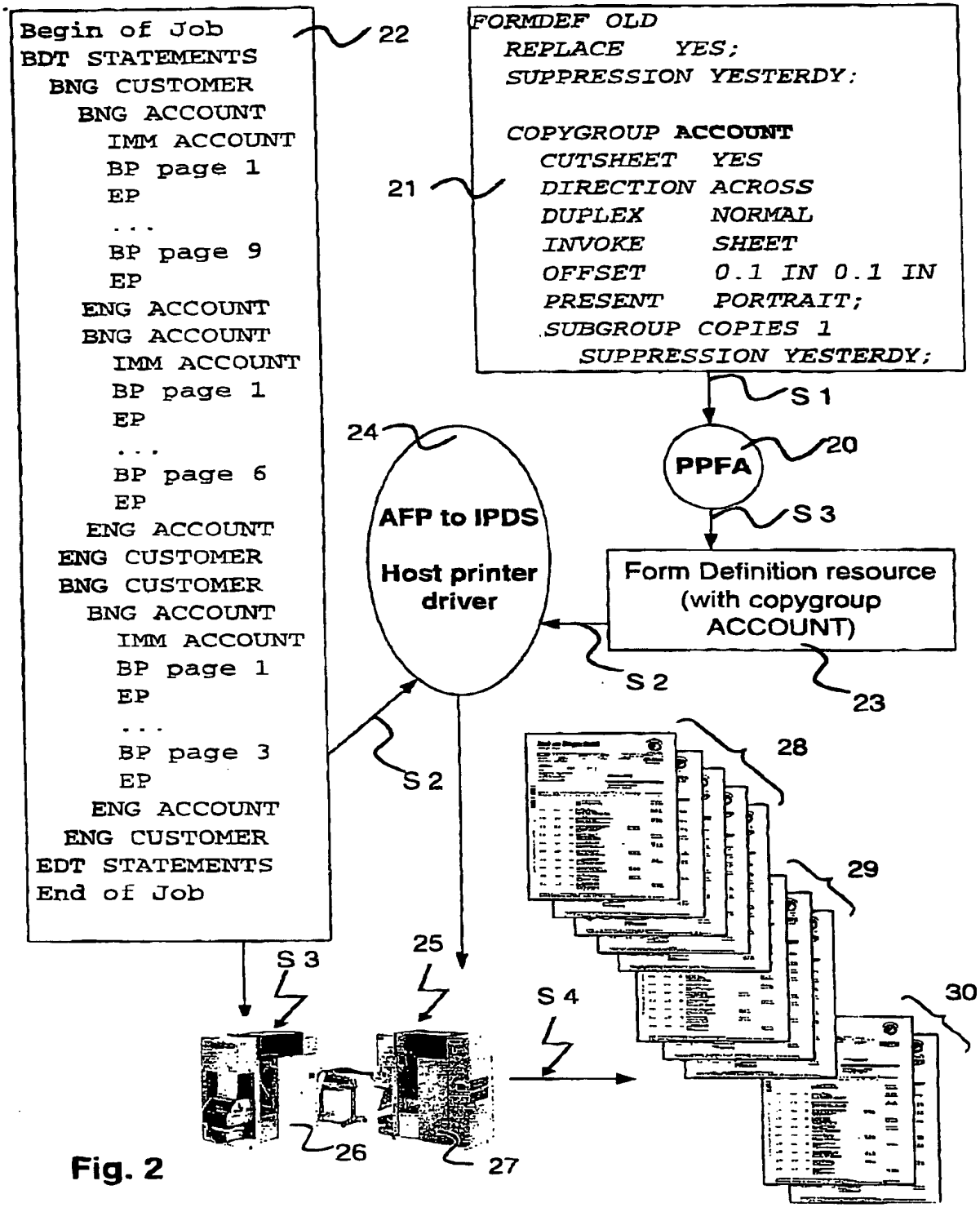

Fig. 2

Prior art

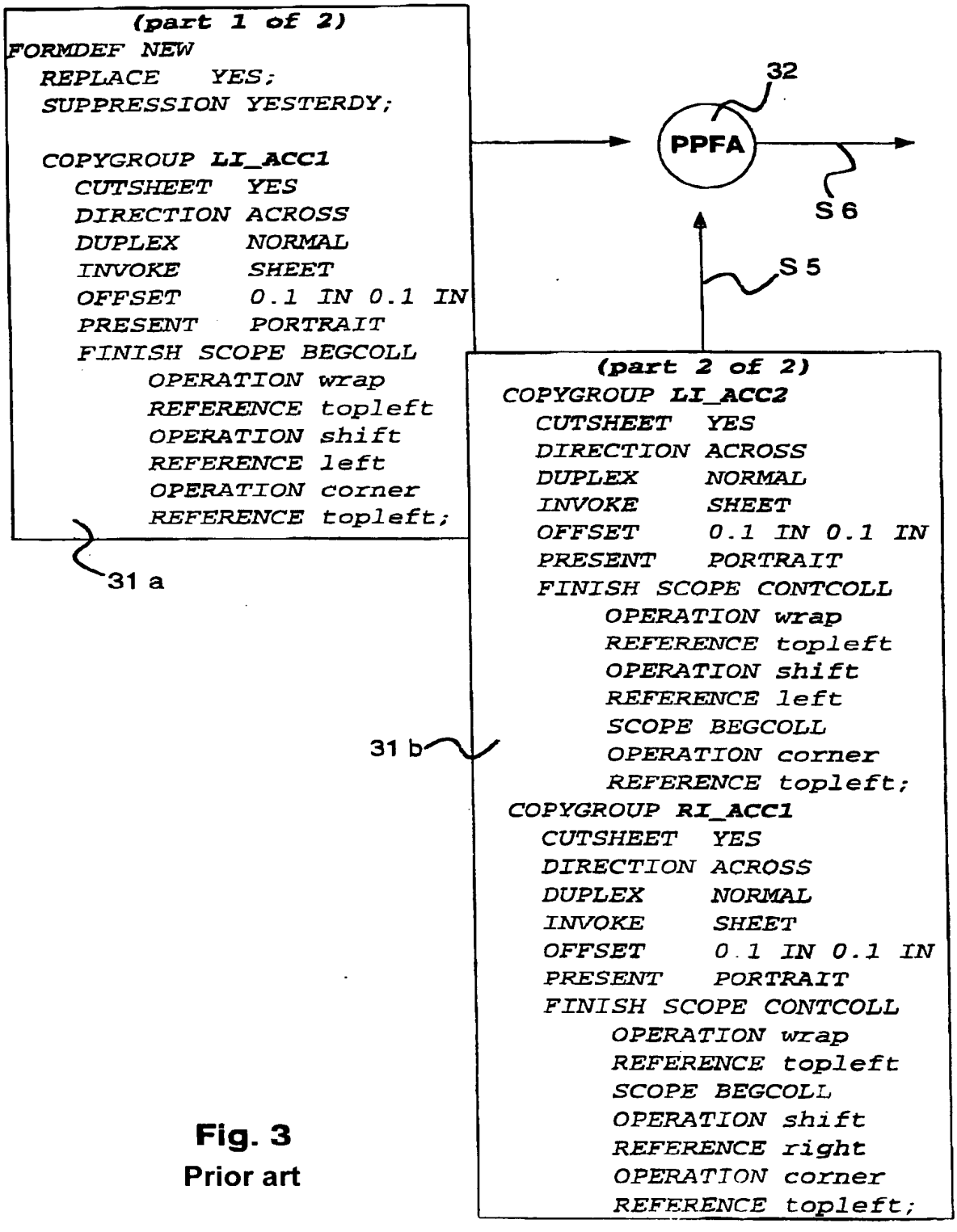

Fig. 3
Prior art

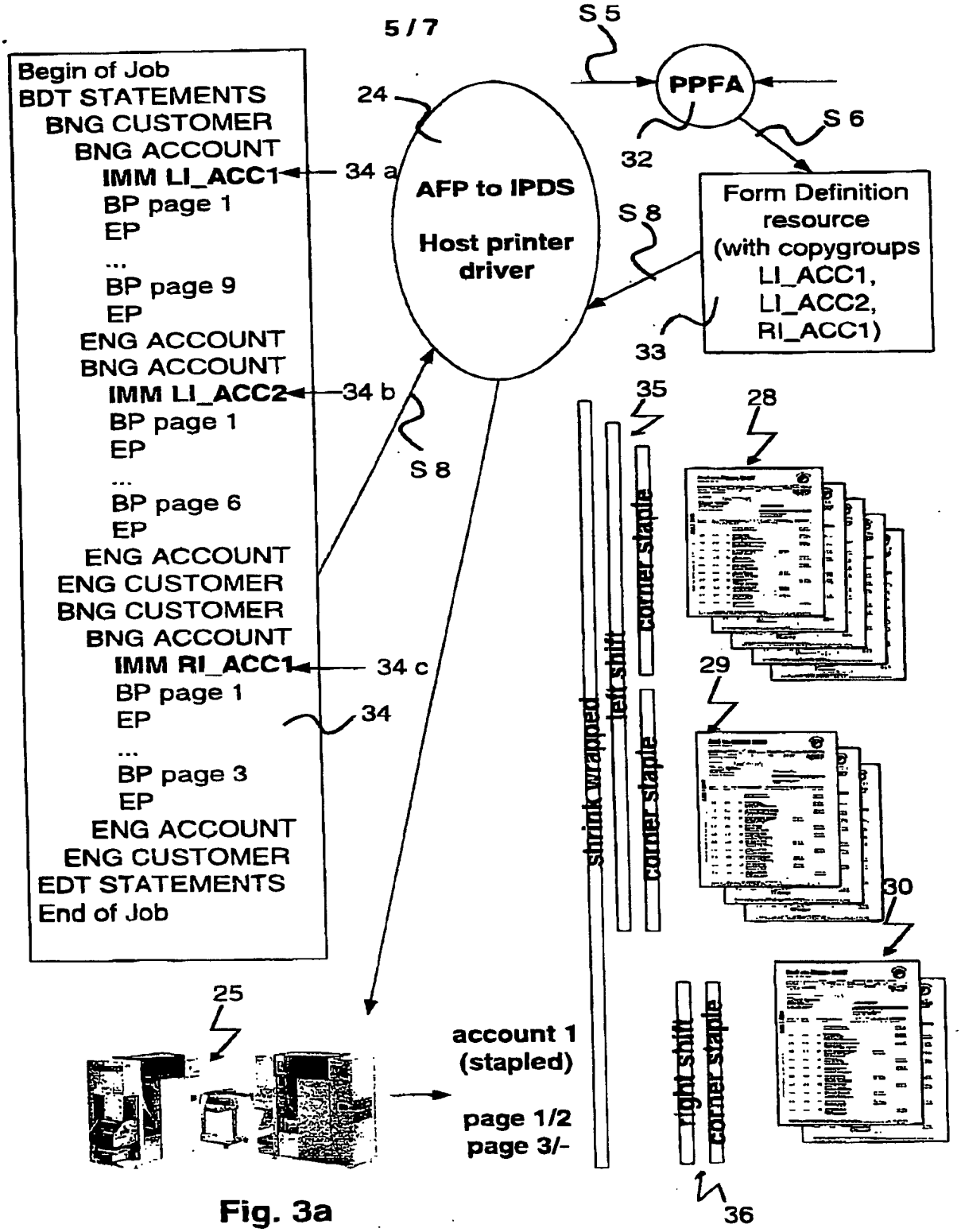

Fig. 3a

Prior art

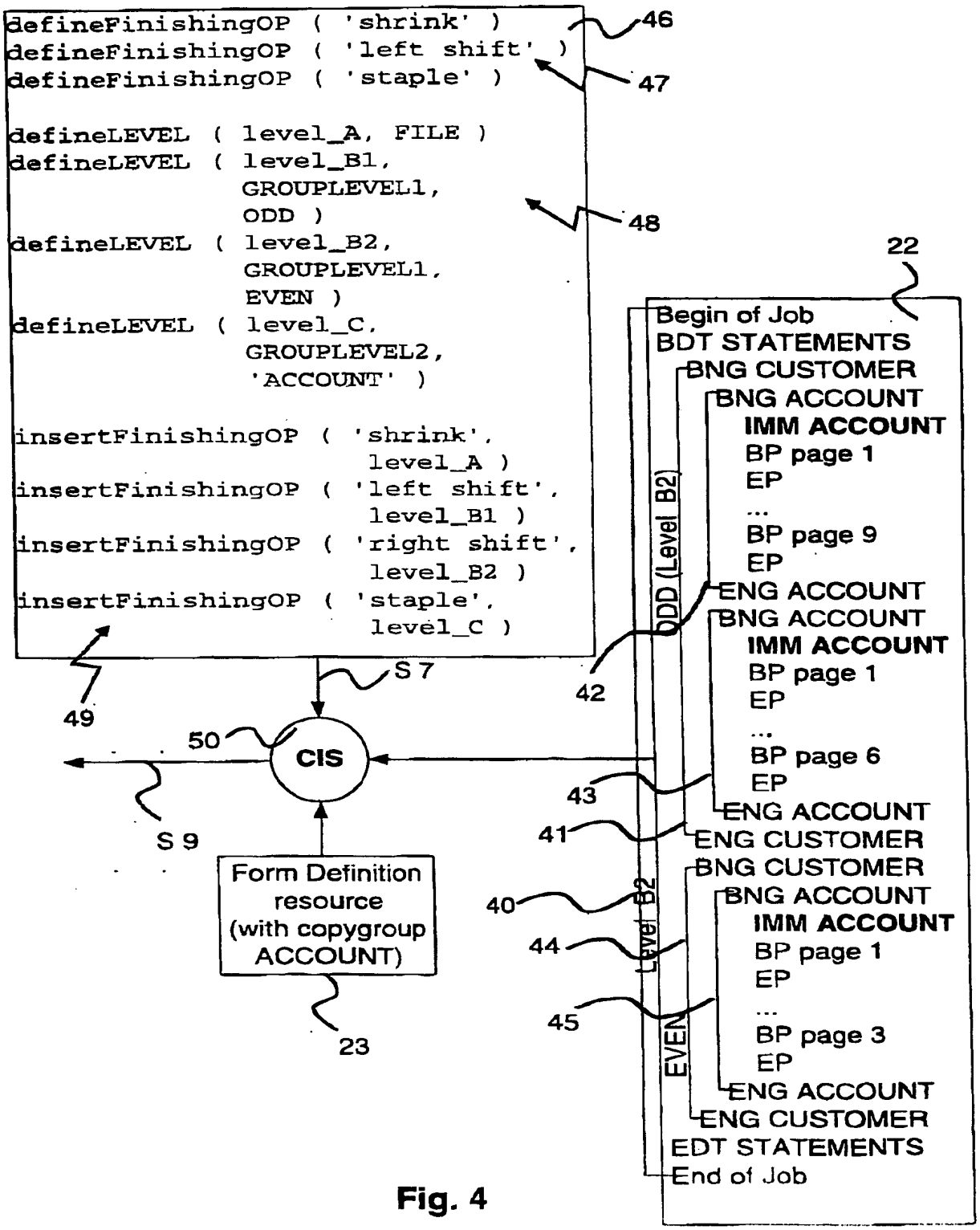
defineFinishingOP ('shrink')
defineFinishingOP ('left shift')
defineFinishingOP ('staple')
defineLEVEL (level_A, FILE)
defineLEVEL (level_B1, GROUPLEVEL1, ODD)
defineLEVEL (level_B2, GROUPLEVEL1, EVEN)
defineLEVEL (level_C, GROUPLEVEL2, 'ACCOUNT')
insertFinishingOP ('shrink', level_A)
insertFinishingOP ('left shift', level_B1)
insertFinishingOP ('right shift', level_B2)
insertFinishingOP ('staple', level_C)
46
47
48
49
S 7
50
CIS
S 9
Form Definition resource (with copygroup ACCOUNT)
23
22
Begin of Job
BDT STATEMENTS
BNG CUSTOMER
BNG ACCOUNT
IMM ACCOUNT
BP page 1
EP
...
BP page 9
EP
ENG ACCOUNT
BNG ACCOUNT
IMM ACCOUNT
BP page 1
EP
...
BP page 6
EP
ENG ACCOUNT
ENG CUSTOMER
BNG CUSTOMER
BNG ACCOUNT
IMM ACCOUNT
BP page 1
EP
...
BP page 3
EP
ENG ACCOUNT
ENG CUSTOMER
EDT STATEMENTS
End of Job
ODD (Level B2)
Level B2
EVEN
42
43
41
40
44
45

Fig. 4

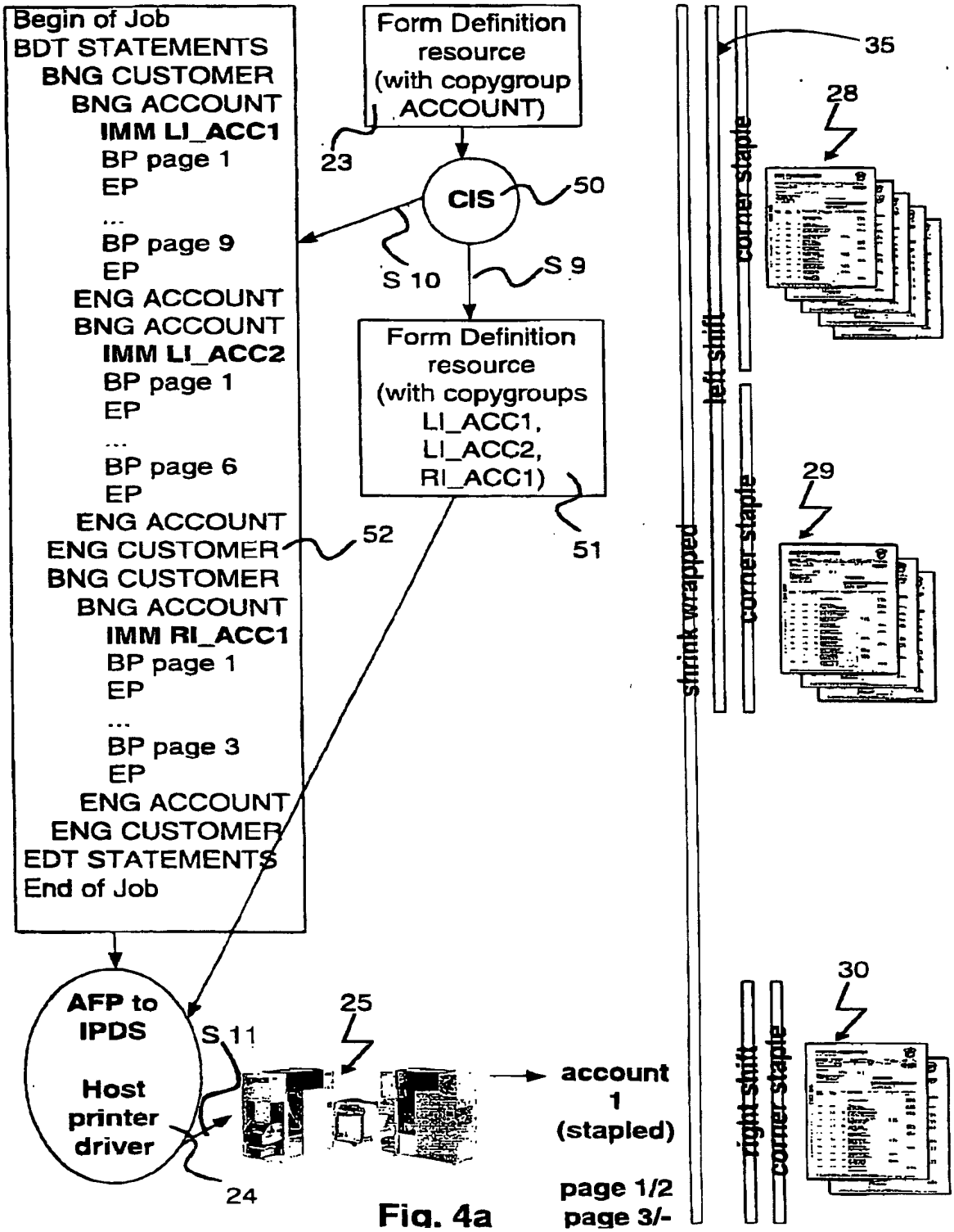
Begin of Job
BDT STATEMENTS
BNG CUSTOMER
BNG ACCOUNT
IMM LI_ACC1
BP page 1
EP
...
BP page 9
EP
ENG ACCOUNT
BNG ACCOUNT
IMM LI_ACC2
BP page 1
EP
...
BP page 6
EP
ENG ACCOUNT
ENG CUSTOMER
BNG CUSTOMER
BNG ACCOUNT
IMM RI_ACC1
BP page 1
EP
...
BP page 3
EP
ENG ACCOUNT
ENG CUSTOMER
EDT STATEMENTS
End of Job
Form Definition resource (with copygroup ACCOUNT)
23
CIS
50
S 10
S 9
Form Definition resource (with copygroups LI_ACC1, LI_ACC2, RI_ACC1)
51
52
AFP to IPDS
Host printer driver
S 11
24
25
account 1 (stapled)
page 1/2
page 3/-
35
28
29
30
shrink wrapped
left shift
corner staple
right shift
corner staple

Fig. 4a